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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Judith DUETTMANN, et al.) Art Unit:

U.S. Appln. No. : 10/612,107) Examiner: Not Yet Assigned

1614

Confirmation No.: 3415 U.S. Filing Date: 07/02/2003

Title of Invention: New drug combinations based on sodium channel blockers and

magnesium salts

Attny. Docket No.: 1/1361

Mail Stop Amendment Commissioner for Patents P. O. Box 1450

Alexandria, VA 22313-1450

October 4, 2004

TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith concerning the subject application is an Information Disclosure Statement (Form 1449A/B) under 37 C.F.R. §§1.56 and 1.97, as more specifically described hereinbelow.

\boxtimes	1.97(b).	This Statement is being filed: i) within three (3) months of the filing
date of	f a national a	pplication other than a continued prosecution application under 33 C.F.R.
§1.53 ((d); ii) withir	three (3) months of the date of entry of the national stage as set forth in
37 C.F	'.R. §1.491 ir	an international application; iii) before the mailing of a first Office action
on the	merits; or iv	before the mailing of a first Office action after the filing of a request for
contin	ued examina	tion under 37 C.F.R. §1.114.

1.97(c).	This Statement is being filed after the time period specified in 37
C.F.R. §1.97(b), but I	pefore the mailing date of: i) a final action under 37 C.F.R. §1.113, ii) a
notice of allowance u	nder 37 C.F.R. §1.311, or iii) an action that otherwise closes prosecution
in the application. Th	nis Statement is being accompanied by:

A	statement as specified in	37 C	C.F.R.	§1.97(e)	[see below]	, or

The fee set forth in 37 C.F.R. §1.17(p).

		The Commissioner is hereby authorized to charge payment of the \$180.00 fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 02-2955.
	ent as s	This Statement is being filed after the period specified in 37 C.F.R. on or before payment of the issue fee. This Statement is accompanied by a specified in 37 C.F.R. §1.97(e) [see below] and the fee set forth in 37 C.F.R.
	1.97(e). ,
	counte	Each item of information contained in the instant information disclosure tent was first cited in any communication from a foreign patent office in a expart foreign application not more than three (3) months prior to the filing of stant information disclosure statement; or
	foreign makin inform §1.56(No item of information contained in the instant information disclosure tent was cited in a communication from a foreign patent office in a counterpart in application, and, to the knowledge of the person signing this certification after g reasonable inquiry, no item of information contained in the instant nation disclosure statement was known to any individual designated in 37 C.F.R (c) more than three (3) months prior to the filing of the instant information sure statement.
		The fee set forth in 37 C.F.R. §1.17(p).
		The Commissioner is hereby authorized to charge payment of the \$180.00 fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 02-2955.
counte n secti	rpart ap	d). Each item of information contained in the accompanying information tement was cited in a communication from a foreign patent office in a oplication, which communication was not received by any individual designated 6(c) more than thirty (30) days prior to the filing of the accompanying isclosure statement.

The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. §1.16 and any patent application processing fees under 37 C.F.R. §1.17, or credit any overpayment of same, to Deposit Account No. 02-2955.

Triplicate copies of this form are enclosed.

Respectfully submitted,

David A. Dow

Attorney for Applicant(s)

Reg. No. 46,124

Patent Department Boehringer Ingelheim Corp. 900 Ridgebury Road, P.O. Box 368 Ridgefield, CT 06877 Tel: (203) 791-6214 Certificate of Mailing

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on October 4, 20

David A. Dow, Reg. No. 46,124

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/612,107	
Filing Date	07/02/2003	
First Named Inventor	Judith Duettmann	<u>-</u>
Art Unit	1614	
Examiner Name	Not Yet Assigned	
Attorney Docket Number	1/1361	

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		^{US-} 5,985,933	11/16/1999	Andrew L. ZEITLIN			
		^{US-} 4,505,914	03/19/1985	Gunter METZ, et al.			
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	FOREIGN PATENT DOCUMENTS							
Examiner Cite Initials* No.1				Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
		EP 0 100 037 A2	02/08/1984	MERCKLE GmbH				
***************************************		WO 98/32432	07/30/1998	CELGENE CORPORATION				
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Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b (08-03)
Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Complete if Known

Application Number 10/612,107

Filing Date 07/02/2003

First Named Inventor Judith Duettmann

Art Unit 1614

Examiner Name Not Yet Assigned

(Use as many sheets as necessary)

Examiner Signature

Sheet 2 of 2 Attorney Docket Number 1/1361

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (bomagazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city				
		ADRIAN J. CARTER, et al. "Potent blockade of sodium channels and protection of brain tissue from ischemia by BIII 890 CL" PNAS, Vol 97, No. 9, pp. 4944-4949, April 25, 2000				
		YI YANG, et al. "Survival and histological evaluation of therapeutic window of post-ischemia treatment with magnesium sulfate in embolic stroke model of rat" Neuroscience Letters, Vol. 285,pp. 119-122, 2000				
		D. SAREEN "Neuroprotective Agents in Acute Ischemic Stroke" JAPI, Vol. 50, pp. 250-258, February 2002				
	••••••	KENNETH I. MAYNARD, et al. "Magnesium plus mexiletine inhibit energy usage and protect retinas against ischemia" NeuroReport Vol. 9, pp. 4141-4144, 1998				
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

Considered

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.